BRUHATH BANGALORE MAHANAGARA PALIKE,

SCHEDULE - B

Name of the Work: Maintanance of Toilets at JP Park in Ward No.17 in Rajarajeswarinagar Zone.

Sl. No.	Description	Unit	Qty	Rates in	
				Figure	Words
1	Excavation in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings,culverts road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed as per specifications.	Cum	38.62	106.00	Rupees One Hundred Six Only
2	Earthwork excavation for foundation of buildings, water supply sanitary lines and electrical conduits either in pits or in trenches 1.5m. In and above in width, in ordinery soil not exceeding 1.5m in depth including dressing in bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications.	Cum	126.98	190.80	Rupees One Hundred Ninety and Eighty Paise Only
3	Lead Charges for conveying Debries with loading and unloding charges upto 10kms surface transportation	Cum	126.98	120.20	Rupees One Hundred Twenty and Twenty Paise Only
4	Providing and Filiing in foundation with granite / trap broken metal 100mm . and down size, with approved sand including hard packing, rammin g,watering, including cost of all materials and labours with all lead and lift. Complete as per specification.	Cum	14.24	1013.36	Rupees One Thousand Thirteen and Thirty Six Paise Only
5	Providing cement bed with 10% cement with all leads for all materials and lift of 1.5m. Machine mixed, laid in layers of 15cms. thick and well compacted for foundation for foundation, including curing cost of materials , labours and HOM complete as per.	Cum	14.24	2237.66	Rupees Two Thousand Two Hundred Thirty Seven and Sixty Six Paise Only
6	Providing and Laying in position plain cement concrete of mix 1:4:8 using 40mm and down size graded granite metal machine mixed concrete laid in layers not exceeding 15 cms. Thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	37.06	3287.06	Rupees Three Thousand Two Hundred Eighty Seven and Six Paise Only

Sl. No.	Description	Unit	Qty	Rates in	
				Figure	Words
7	Providing and laying in position reinforced cement concrete to MIX 1:1.5 :3(M20) with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works including cost of all materials, labour, HOM of machinery, curing, complete as per specification etc., including all lead and lift charges etc. complete as directed by engineer in charge. For Footings	Cum	12.16	4811.34	Rupees Four Thousand Eight Hundred Eleven and Thirty Four Paise Only
8	Providing and removing centering, shuttering, strutting, propping etc, and removal of formwork for foundations,footings,bases of columns for mass concrete etc., including cost of all materials,labour complete as per specifications as per direction of Engineer in charge.	Sqm	37.44	156.88	Rupees One Hundred Fifty Six and Eighty Eight Paise Only
9	Providing and laying in position reinforced cement concrete to MIX 1:1.5 :3(M20) with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works including cost of all materials, labour, HOM of machinery, curing, complete as per specification etc., including all lead and lift charges etc. complete as directed by engineer in charge. For Footings	Cum	2.28	4811.34	Rupees Four Thousand Eight Hundred Eleven and Thirty Four Paise Only
10	Providing and removing centering, shuttering, strutting, propping etc, and removal of formwork for columns etc., including cost of all materi`ls, labour complete as per specifications including all lead and lift charges etc., complete as per directions s directed by Engineer in charges.	Sqm	39.74	243.80	Rupees Two Hundred Forty Three and Eighty Paise Only
11	Providing and constructing granite/ trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms, bond stones at two m apart in each course including cost of materials, labour, curing complete as per specification and as directed by Engineer in charge.	Cum	36.60	2018.24	Rupees Two Thousand Eighteen and Twenty Four Paise Only
12	Providing and constructing granite/ trap / basalt size stone masonry in Basement with cement mortar 1:6, stones Chistle dressed in courses not less than 15 cms high, bond stones at two m apart in each course including cost of materials, labour, curing complete as per specification,	Cum	7.14	2959.52	Rupees Two Thousand Nine Hundred Fifty Nine and Fifty Two Paise Only

Sl. No.	Description	Unit	Qty	Rates in	
				Figure	Words
13	Providing and laying in position reinforced cement concrete to MIX 1:1.5 :3(M20) with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works including cost of all materials, labour, HOM of machinery, curing, complete as per specification etc., including all lead and lift charges etc. complete as directed by engineer in charge. For Footings	Cum	6.62	4811.34	Rupees Four Thousand Eight Hundred Eleven and Thirty Four Paise Only
14	Providing and removing centering,shuttering, strutting, propping etc, and removal of form work for Beams , beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications.	Smt	57.64	169.60	Rupees One Hundred Sixty Nine and Sixty Paise Only
15	Earthwork excavation (in deposited) and filling sides of foundation upto plinth in layers not exceeding 20cms. In depth copacting each deposited layer by ramming after watering with lead . And lift including cost of all labour complete as per specifications.	Cum	213.28	171.72	Rupees One Hundred Seventy One and Seventy Two Paise Only
16	Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design, (laps and wastages shall not be measured and paid) csot of materials, etc. complete as per specifications	Qtl	26.32	5108.14	Rupees Five Thousand One Hundred Eight and Fourteen Paise Only
17	Providing and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation 50 (table moulded) with cement mortar 1:6 for basement and superstructure including cost of materails, labour charges, scaffolding, curing complete as per specifications.	Cum	35.96	4055.56	Rupees Four Thousand Fifty Five and Fifty Six Paise Only
18	Construction of partition wall 11.2 cms thick with non-modular table moulded burnt bricks of class designation 50 with cement mortar 1:4 including cost of materails, labour charges, scaffolding, curing complete as per specifications.	Sqm	44.08	580.88	Rupees Five Hundred Eighty and Eighty Eight Paise Only
19	Providing 15mm thick cement plaster in single coat with cement mortar 1:6 to brick masonry including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing etc., complete as per specification.	Sqm	318.00	108.12	Rupees One Hundred Eight and Twelve Paise Only

Sl. No.	Description	Unit	Qty	Rates in	
				Figure	Words
20	Providing 20 mm thick cement plaster in single coat with cement mortar 1:6 to brick masonryincluding rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing etc., complete as per specifications for Out site plastering.	Sqm	193.50	171.72	Rupees One Hundred Seventy One and Seventy Two Paise Only
21	Water proof cement paint Providing and finshing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered materail, free from mortar drops and other oreign matter cost of materails, labour complete as per specifications.	Sqm	193.50	63.60	Rupees Sixty Three and Sixty Paise Only
22	Providing colour glazed tiles of size 10mm thick flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing using white cement with matching colour pigment, including cost of materials, labour, curing, complete as per specifications.	Sqm	447.38	750.48	Rupees Seven Hundred Fifty and Forty Eight Paise Only
23	Providing and laying Hassan green granite using prepolished, water cut / gangsaw 19mm thick granite laid over existing floor laid in CM 1:4 at 20mm thick (average) and pointed with white / grey pigment etc.,to complete	Sqm	5.76	2186.78	Rupees Two Thousand One Hundred Eighty Six and Seventy Eight Paise Only
24	Providing and laying Block granite using prepolished, water cut / gangsaw 19mm thick granite laid over existing floor laid in CM 1:4 at 20mm thick (average) and pointed with white / grey pigment etc., to complete	Sqm	6.72	1904.82	Rupees One Thousand Nine Hundred Four and Eighty Two Paise Only
25	PVC DOOR SHUTTER (Nandi or Equivalent) Supply and fixing of door shutters made of rigid PVC extruded hollow section of 20mm x 200mm with the wall thickness of 1.0mm +/0.1mm equally divided into 4nos with tongue and groove locking arragements. The shutter frame is made of 58 x 24 mm with the wall thickness of 1.5mm*/-0.15mm section metricut and joined at 4 corners with 125mmx 225mm plastic bracket. the shutter shall be horizontally feinforced with 2nos of 8mm PVC rod. teak wood battons shall be reinforced inside the door shutter during the fabrication of the door shutter at those points wherever the hardware is fixed on to the door shutter.	Sqm	21.00	1563.50	Rupees One Thousand Five Hundred Sixty Three and Fifty Paise Only
26	Supply and fixing of door frame made of hollow extruded PVC section (Nandi or Equivalent) having dimension of 40x57mm with the wall thickness of 2mm+/-0.2mm duly reinforced with seasoned wood plank at the hinges side. The door frame too 2corners shall be metric cut /welded.	Sqm	89.10	190.80	Rupees One Hundred Ninety and Eighty Paise Only

Sl. No.	Description	Unit	Qty	Rates in	
				Figure	Words
27	Providing and fixing in position collapsible steel shutterswith single or double leaf with vertical channel 20mmx10mmx2mmbraced with flat iron diagonals 20mmx5mm size, with top and bottomrails of T iron sections of 40x40x6 mm with 38mm dia steel pulleyscomplete with bolt and nuts, locking arrangements, stoppers, handleson both sides with 7.5cms openings at 10 cms. c to c applying a primingcoat of red lead paint. cost of materials, labour, HOM of machinerycomplete as per specifications.	Sqm	15.32	3265.85	Rupees Three Thousand Two Hundred Sixty Five and Eighty Five Paise Only
28	Providing, fabricating, hoisting, strightening ,tieing, bending installing ,placing and securing in position in concrete /masonary MS structural steel sections /pipe (RHS/SHS Sections of TATA make) for coloumns, trusses, tie beams ,staircase,ladders penetrations comprising M.S angles, plates Tees,flats rounds, square and other structural steel section pipe sleeves and pipes of various sizes including cutting welding bending to shape painting with a coat of Zinc chromate Coat primer complete all as per specification one coat to be applied after fabrication and erection over which two coats of enamel paint of approved colour and make to be applied etc., complete	Mt	4.24	90000.00	Rupees Ninety Thousand Only
29	Providing and laying to required line and slope roofing with Galvolume sheet 5mm. thick fixed with bolts and nuts 8mm. dia C.I plain and bitumen washers, over the existing purlins, rafters and trusses including cost of materials, labour, complete as per specifications With all lead and lift, loading and unloading labour charges etc., complete as per detailed specification and as per directions of the Engineer-in- Charge of the work.	Sqm	115.56	650.00	Rupees Six Hundred Fifty Only
30	Providing and laying in position to required level or slope 100mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in porportion of 1:1, testing of pipes and joints, incudling cosat of materails, labour charges complete as per specifications.	Sqm	20.00	208.82	Rupees Two Hundred Eight and Eighty Two Paise Only
31	Providing and laying in position to required level or slope 150mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in porportion of 1:1, testing of pipes and joints, incudling cosat of materails, labour charges complete as per specifications.	Sqm	21.40	327.54	Rupees Three Hundred Twenty Seven and Fifty Four Paise Only

Sl. No.	Description	Unit	Qty	Rates in	
				Figure	Words
32	Providing and laying in position to required level or slope 230mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in porportion of 1:1, testing of pipes and joints, incudling cosat of materails, labour charges complete as per specifications.	Sqm	20.00	489.72	Rupees Four Hundred Eighty Nine and Seventy Two Paise Only
33	Constructing brick masonary circular type manhole 0.91 m internal dia at bottom 0.91 m deep and 0.56 dia at top with table moulded non-modular bricks of 50 class designation 50 in cement mortar 1:4, inside cement plastered 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete 1:3:6 mix using 40mm and downsize granite metal and making necessary channel in cement concrete 1:2:4 mix with 20mm and down size granite metal finished with a float coat of neat cement, with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560 internal diametre confirming IS : 12592, total weight cover and frame to be not less than 182 kg, fixed in cement concrete 1:2:4, 20mm and downsize broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of machineries complete as per specification.	Nos	2.00	9308.92	Rupees Nine Thousand Three Hundred Eight and Ninety Two Paise Only
34	Constructing brick masonry inspection chamber 455 x 610mm, and 450mm depth (clear inside dimension) for single piep line, using table moulded nonmodular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 455 x 610mm internal dimension, total weight of cover with frame to be less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) RCC top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3 finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materails, labour charges, curing complete as per specifications	Nos	2.00	5074.22	Rupees Five Thousand Seventy Four and Twenty Two Paise Only

Sl. No.	Description	Unit	Qty	Rates in	
				Figure	Words
35	Constructing brick masonry inspection chamber 600x 600mm, and 450mm depth (clear inside dimension) for single piep line, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 600x600mm internal dimension, total weight of cover with frame to be less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) RCC top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3 finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materails, labour charges, curing complete as per specifications	Nos	2.00	6581.54	Rupees Six Thousand Five Hundred Eighty One and Fifty Four Paise Only
36	Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, (approved make) cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications	Nos	10.00	960.36	Rupees Nine Hundred Sixty and Thirty Six Paise Only
37	Providing and fixing white vitreous china clay, flat back or half stall urinal basin of size 580x380x350mm with 5 litres P.V.C automatic flushing cistern, C.I / M.S. Brackets, standard flush pipe and C.P brass spreaders with brass unions and G.I clamps C.I. trap with outlet granting and other couplings in C.P brass, painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materails, labour charges, curing complete as per specifications	Unit	6.00	3983.48	Rupees Three Thousand Nine Hundred Eighty Three and Forty Eight Paise Only
38	Providing and fixing white vitreous china clay, flat back wash basin size630x450mm with a pair of 15mm C.P brass pillar taps, with C.I / M.S. Brackets, 32mm C.P brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materails, labour charges, curing complete as per specifications	Unit	12.00	2723.14	Rupees Two Thousand Seven Hundred Twenty Three and Fourteen Paise Only

Sl. No.	Description	Unit	Qty	Rates in	
				Figure	Words
39	Providing and fixing 453 x 357mm rectangular shape mirror with plastic moulded frame of approved make and shape with 6mm thick hard board backing, including cost of materails, labour charges, curing complete as per specifications	Unit	4.00	894.64	Rupees Eight Hundred Ninety Four and Sixty Four Paise Only
40	Providing and fixing 1500 x 450mm rectangular shape mirror with plastic moulded frame of approved make and shape with 6mm thick hard board backing, including cost of materails, labour charges, curing complete as per specifications	Unit	2.00	1258.22	Rupees One Thousand Two Hundred Fifty Eight and Twenty Two Paise Only
41	Providing and fixing 7.5cms t o15 cms dia NP grating 100m dia	Each	16.00	153.70	Rupees One Hundred Fifty Three and Seventy Paise Only
42	Providing 15cms x 10 cms stone ware gully trap of approved quality and make fixing in CC 1:2:4 and plastering with CM 1:3 wherever necessary (Rate includes cost of all materials, fixures and lead)	Each	4.00	265.00	Rupees Two Hundred Sixty Five Only
43	Providing & fixing 12.5cms x 7.5 cms CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in CC 1:2:4 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materails to work spot).	Each	10.00	286.20	Rupees Two Hundred Eighty Six and Twenty Paise Only
44	Providing and fixing to wall, ceiling and floor galvanised / mild steel tube 15mm dia nominal bore with fittings (medium grade weight 1.27 kg/mtr) B class including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications	Sqm	40.00	132.50	Rupees One Hundred Thirty Two and Fifty Paise Only
45	Providing and fixing to wall, ceiling and floor galvanised / mild steel tube 20mm dia nominal bore with fittings (medium grade weight 1.27 kg/mtr) B class including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications	Sqm	22.00	163.24	Rupees One Hundred Sixty Three and Twenty Four Paise Only
47	Providing and fixing to wall, ceiling and floor galvanised / mild steel tube 25mmdia nominal bore with fittings (medium grade weight 1.27kg/mtr) B class including cost of all materials, labour charges,HOM of equipments and testing complete as per specifications	Sqm	50.00	225.78	Rupees Two Hundred Twenty Five and Seventy Eight Paise Only
48	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 25mm dia nominal bore with all fittings (earth work in trenches to be measured and apaid for seprately) including cost of all materials, labour charges, HOM of quipments and testing complete s per specifications	Sqm	70.00	199.28	Rupees One Hundred Ninety Nine and Twenty Eight Paise Only

Sl. No.	Description	Unit	Qty	Rates in	
				Figures	words
49	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 32mm dia nominal bore with all fittings (earth work in trenches to be measured and apaid for seprately) including cost of all materials, labour charges, HOM of equipments and testing completeas per specifications	Rmt	80.00	214.12	Rupees Two Hundred Fourteen and Twelve Paise Only
50	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 40mm dia nominal bore with all fittings (earth work in trenches to be measured and apaid for seprately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications	Rmt	40.00	285.14	Rupees Two Hundred Eighty Five and Fourteen Paise Only
51	Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications	Nos	24.00	147.34	Rupees One Hundred Forty Seven and Thirty Four Paise Only
52	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications	Nos	34.00	183.38	Rupees One Hundred Eighty Three and Thirty Eight Paise Only
53	Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications	Nos	46.00	135.68	Rupees One Hundred Thirty Five and Sixty Eight Paise Only
54	Providing and fixing in position brass stop cock of approved quality 25mm nominal bore including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications	Nos	12.00	183.38	Rupees One Hundred Eighty Three and Thirty Eight Paise Only

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